

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-217942

(43)Date of publication of application : 02.08.2002

(51)Int.CI. H04L 12/56
H04L 12/46
H04L 12/66

(21)Application number : 2001-007049

(71)Applicant : MURATA MACH LTD

(22)Date of filing : 15.01.2001

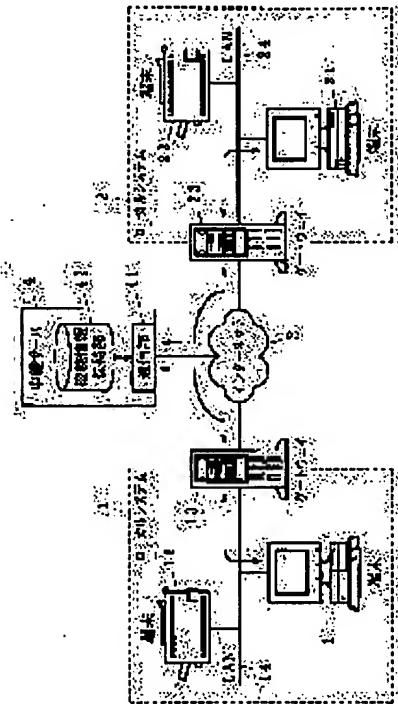
(72)Inventor : TANIMOTO YOSHIFUMI

(54) RELAY SERVER AND COMMUNICATION SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a communication system which implements connection from the Internet to a terminal in a local system, or connection between terminals in different local systems, while ensuring the security of local systems.

SOLUTION: A user ID and a password of each terminal are stored in a connection information storage unit 42 beforehand. After a terminal 11 has been connected with a relay server 4, the terminal is authenticated by its user ID and password and keeps the connection. A terminal 21 is connected with the relay server 4 in the same way and keeps the connection. When a connection request from the terminal 11 to the terminal 21 is transmitted to the relay server 4, the transit server 4 transfers the connection request to the terminal 21 and enables communication between the terminals. Then, when the terminal 11 transfers data to the relay server 4, the relay server 4 relays data to transmit it to the terminal 21. According to this arrangement, communication can be conducted mutually among terminals in different systems.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office